

# PMOC Monthly Briefing

**May 12, 2010**



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

# **Previous Action Items Agenda Attachment A**

**Tim Mantych**



HONOLULU HIGH-CAPACITY TRANSIT CORRIDOR PROJECT

# WOFH Contract Update

**Lorenzo Garrido**



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# WOFH Contract Update

## Status of Notices to Proceed

- **NTP #1 (01 Dec 2009)**
- **NTP #1A (11 Mar 2010) – Geotechnical Borings**
  - Expected to begin on May 24th
- **NTP #1B (23 Mar 2010) – Definitive/Interim Design**
  - Definitive designs are being submitted
- **NTP #1C (Pending) – Method and Test Shafts**
  - Authorization in May





# WOFH Contract Update

- **Schedule**

- **Baseline Schedule Accepted**
  - **Substantial Completion 12 June 2013**
- **Schedule Revisions for NTP #1A and #1B**
- **Meetings with Contractor on NTP delay and scenarios**

- **Cost**

- **Original Contract Amount: \$482,924,000**
- **Approved Change Orders: \$0**
- **Progress Payments: \$15,574,825 (3%)**



# **WOFH Contract Update**

## **Contract Changes**

- **Contractor Change Notices**
  - Insurance coverage in absence of OCIP
  - Delay due to NTPs beyond March 1st
  - Delay to geotechnical borings due to NPDES permit
  - Delay due to lack of HDOT reviews
- **City Requests for Contract Change**
  - Insurance requirements in lieu of OCIP
  - NTP Delay
  - Adoption of CADD Standards
  - Revised language for material price escalation





# **WOFH Contract Update**

## **Contract Changes (continued)**

- **Potential Contract Changes**
  - **Waipahu High School Improvements**
  - **Conformed Document Reconciliation (Plans & SPs)**
  - **Adopt Controlled Directive Drawings**
  - **Revised Design Criteria**
  - **Method Shaft Variance**
  - **LCC Station Revisions**
  - **HDOT Master Agreement**
  - **Programmatic Agreement**
  - **HECO Contract Work**





# WOFH Contract Update

- **Contractor Submittals**
  - **34 Submittals Received**
    - City accepted – 6
    - Contractor addressing City comments – 12
    - Contractor revised submittals – 16
    - Contractor submittals under City review – 2
- **Requests for Information (RFI)**
  - 64 RFIs received
    - 6 open



# **WOFH Contract Update**

## **Contractor Task Force Meetings**

<b>Civil and Roadway</b>	<b>Guideway</b>
<b>Utilities</b>	<b>Electrical/ITS</b>
<b>Permits</b>	<b>Geotech</b>
<b>Quality/Safety</b>	<b>Environmental</b>
<b>MOT/Traffic</b>	<b>Aesthetics/Sustainability/CSS</b>
<b>Rail</b>	<b>ROW</b>

- **Meetings are being held at Waipahu Hub Office**



# Procurement Update

**Wes Mott**



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# Procurements Update

- **General Engineering Consultant II**
  - Ongoing
- **Kamehameha Highway Guideway DB**
  - Priority List Established
  - Technical and Price Proposals in mid-July
- **Maintenance and Storage Facility DB**
  - Technical and Price Proposals under Evaluation
- **Vehicle/Core Systems DBOM Contract**
  - Priority List Established
  - Technical and Price Proposals in late-May



# STATIONS DESIGN PACKAGES

- **Farrington Station Group**
  - Station Design Firm has been selected
  - Package sent to Firm to start preparing scope/budget
  - Meeting tomorrow with Firm to discuss process and answer questions
- **West O`ahu Station Group**
  - RFQ submittals received
  - Evaluation process ongoing





# Technical Capacity

Paul Romaine



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# Technical Capacity

**4 new City employees started April:**

- **Civil Engineer** –  
Maintenance & Storage Facility Manager, Akira Fujita
- **Civil/Structural Engineer** –  
Assistant Project Officer, In-Tae Lee
- **Administrative Specialist II** –  
Personnel, Mai Tram Do
- **Secretary III** –  
Project Controls & Administration, Rosalinda Colobong



# Technical Capacity Look Ahead

## City Positions with Identified Candidates

- Right of Way Manager – Identified 3 qualified candidates, targeting July/Aug start date
- Utilities Engineer – Identified and interviewed candidate, targeting July/Aug start date
- Secretary – Public Information Branch – targeting July start date
- Planner VI – Financial and Grants Management, City advertising position, targeting July/Aug start date





# **Technical Capacity Look Ahead (continued)**

## **Actively searching for:**

- Civil Engineers**
- Cost Controls Analyst**
- Change Control Administrator**
- Architectural Historian**
- Safety Engineer**





# Technical Capacity Look Ahead (continued)

## InfraConsult Positions

- Configuration Manager—Offer Extended
- Lead Scheduler—Interviews Underway
- Systems Engineer (Vehicles)—Interview Underway

Each of these positions should be filled by next month.



# Project Related Staffing

## Other City Departments

- **Department of Information Technology:**
  - Will provide one full time Information Technology Support person. Starting date – July 1, 2010
  - Project IT Manager: Initiated request to provide one full time Data Processing Systems Analyst II.
- **Department of Budget & Fiscal Services:**
  - Have initiated efforts to hire an Accountant II and an Accountant III to support the Project.





# **Project Related Staffing**

## **Other City Departments**

**(Continued)**

### **Department of Design & Construction**

**FY 2011 Hiring Plan (July 1, 2010 to June 30, 2011)**

- **3 FTEs for ROW Program**

### **Honolulu Police Department**

- **½ FTE for Safety and Security Program**



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# **Status of Management Deliverables Attachment B**

**Simon Zweighaft**



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# Design Activities

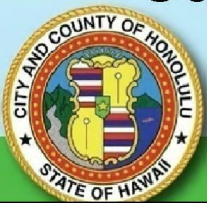
Harvey Berliner



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# **GUIDEWAY & UTILITIES DESIGN ACTIVITIES**

- **Kamehameha Highway –**
  - **Assisting in preparation of technical addendum**
  - **Reviewing and preparing responses to ATCs & RFIs**
- **Airport & City Center – Preliminary Engineering**
  - **Resolved outstanding issues with FAA and HDOT in regards to Airport Alignment**
  - **PE continues for runway mitigation**
- **Supported WOFH contract in the review of submittals and response to technical RFIs.**





# STATIONS DESIGN ACTIVITIES

- **Community workshops continue – Third Pearl Highlands meeting to be held on May 13<sup>th</sup>**
- **Commenced design effort for elevator and escalator procurement**
- **Assembled technical information for Farrington Station Group designer to prepare scope / cost proposal**
- **Supported Value Engineering study effort**



# **Systems Activities**

**Jurgen Sumann**



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# CORE SYSTEMS

- **Final technical and commercial addendum released to Offerors May 6**
- **All RFIs have been answered**
- **Procurement Schedule:**
  - **Technical and price proposals: Late May**
  - **Notice of Selection: Mid July**
  - **Notice to Proceed: Mid August (after ROD)**



# **CORE SYSTEMS**

## **(continued)**

- **Technical team preparing for assessment of technical proposals**
- **The Evaluation Committee may elect to have discussions with the Offerors during the evaluation period and request BAFO from the Offerors**





# CORE SYSTEMS

(continued)

- **In preparation of proposal submittal:**
  - **The GEC has prepared an engineer's cost estimate**
  - **Technical team have been identified to assess the technical proposals**
  - **Team members will consist of technical experts in each sub-system and vehicle from the RTD staff and GEC**



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# **CORE SYSTEMS**

**(continued)**

- **Technical Team will assist the Evaluation Committee in preparing BAFO instructions to the Offerors**
- **Evaluation guidelines are being developed for use by the Technical Team and Evaluation Committee**





# Schedule and Budget Update

Mark Hickson



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# Schedule Update

- **As of 3-26-10 (March 2010 data date) the project continues to be impacted by the delay of the ROD Milestone and has caused all major milestones to slip.**
- **This includes our current West Oahu/Farrington DB contract's NTPs and those contracts currently in the procurement process.**
- **At this time it is anticipated that certain contract awards will not take place without the ROD in place. ROW procurement is also delayed.**





# Schedule Update

- Resolving the LONP issue is also critical for the start of the design/build contracts.
- These impacts will necessitate a complete re-scheduling of the project. It is anticipated to take place within the next month.



# Current Schedule to ROD

Activity	Completion Date	Activity	Completion Date
Pre-decisional Final EIS to FTA and Cooperating Agencies	April 29, 2010	Signature on Final EIS cover page	May 21, 2010
Section 106 Ualena Determination of Eligibility letter to SHPD for expedited review (due May 13)	April 29, 2010	Reproduce Final EIS	May 22 - May 25
Receipt of conditional ALP approval from FAA	April 30, 2010	Distribute Final EIS	May 26, 2010
Cooperating Agency EIS comments to FTA and City	May 10, 2010	Submit Final EIS to OEQC	May 26, 2010
FTA EIS review and legal sufficiency comments to the City	May 10, 2010	NOA submitted to EPA	May 28, 2010
Final EIS comment coordination call with City and FTA	May 12, 2010	NOA in Federal Register	June 4, 2010
Completion of expedited Section 106 review for eligibility	May 13, 2010	Execution of programmatic agreement, including signatures of concurring parties	June 4, 2010
FTA requests signatory parties to sign Section 106 programmatic agreement	May 13, 2010	Draft ROD to FTA (excluding comments)	June 18, 2010
Completion of Final EIS to address comments	May 19, 2010	OEQC recommendation to the governor	June 26, 2010
Receipt of signed PA	May 20, 2010	End of 30-day Final EIS review period	July 6, 2010
Review individual Final EIS changes with FTA	May 20, 2010	Address substantive new comments in ROD	July 20, 2010
FTA Final legal sufficiency review	May 20 & May 21	Conclusion of State Chapter 343 Process	July 26, 2010
		FTA review ROD	July 27, 2010
		Address FTA comments on ROD	August 3, 2010
		FTA issue ROD in FR	August 6, 2010



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# Major Project Milestones

<u>Milestone</u>	<u>Current Date</u>	<u>Total Float</u>
• Entry into Final Design	01-20-11	-131
• FFGA	02-21-12	-131
• Open Waipahu to Leeward CC	06-23-13	-181
• MSF Complete	10-31-14	-202
• Open East Kapolei to Leeward CC	04-06-15	-249
• Open Leeward CC to Pearl Highlands	01-01-16	-170
• Open Kamehameha Section	09-28-16	+125
• Open Airport Section	04-07-18	-158
• Open City Center Section	08-08-19	-157



# WOFH Schedule Update

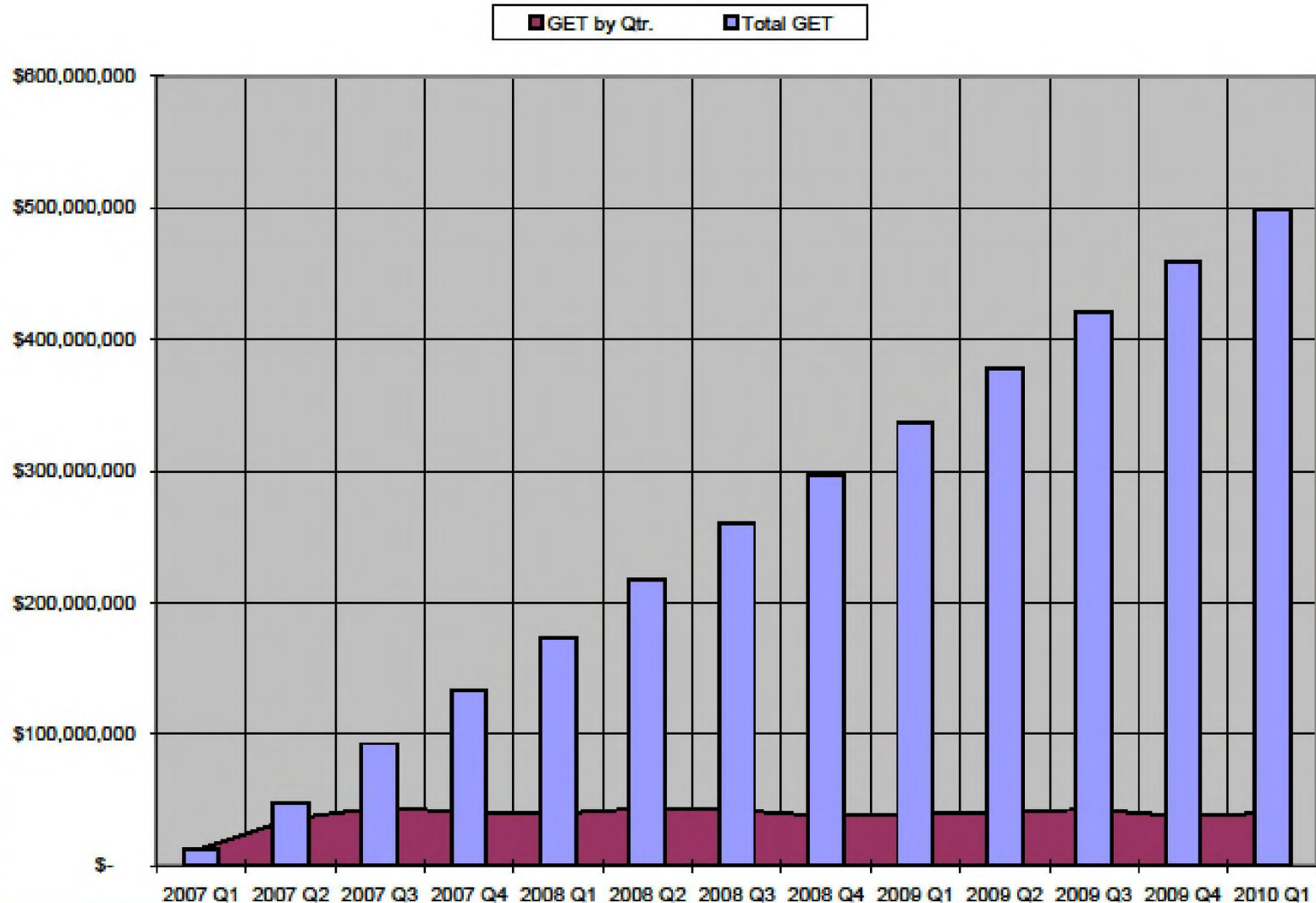
- KPC will submit their progressed January, February and March Schedule Progress Reports since the Baseline Schedule has been reviewed and accepted.
- KPC will also submit their revised Schedule of Milestones that include NTPs 1A and 1B for review and acceptance.





# GET Collection by Quarter

## 2007 to Q1 2010



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# Project Budget by SCC Code (YOE\$)

in \$ Thousands

10 Guideway Construction	\$ 1,677,816
20 Station Construction	\$ 389,151
30 Yard, Shops & Support Facilities	\$ 138,499
40 Sitework, Utilities, Special Conditions	\$ 895,469
50 Systems (TC, TWRK, COMM, FC, etc.)	\$ 311,215
60 Right of Way	\$ 128,634
70 Vehicles	\$ 398,825
80 Professional Services	\$ 933,588
90 Unallocated Contingency	\$ 184,185
100 Finance Charges	\$ 290,294
<b>Total</b>	<b>5,347,682</b>



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# Active Contracts

<b>PMSC1</b>	<b>\$</b>	<b>11,786,062</b>
<b>PMSC2</b>	<b>\$</b>	<b>36,700,000</b>
<b>PE/EIS GEC</b>	<b>\$</b>	<b>115,900,000</b>
<b>Utility - The Gas Company</b>	<b>\$</b>	<b>45,000</b>
<b>Utility - Chevron Products</b>	<b>\$</b>	<b>45,000</b>
<b>Utility - AT&amp;T</b>	<b>\$</b>	<b>60,000</b>
<b>Utility - Pacific LightNet</b>	<b>\$</b>	<b>40,000</b>
<b>Utility - Oceanic Time Warner</b>	<b>\$</b>	<b>40,000</b>
<b>Utility - Hawaiian Telecom</b>	<b>\$</b>	<b>50,000</b>
<b>Utility - TW Telecom</b>	<b>\$</b>	<b>50,000</b>
<b>PUC Attorney</b>	<b>\$</b>	<b>50,000</b>
<b>Kiewit Pacific</b>	<b>\$</b>	<b>482,924,000</b>
<b>Nossaman LLP</b>	<b>\$</b>	<b>700,000</b>
<b>Total</b>	<b>\$</b>	<b>648,390,062</b>



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# Cost Estimating

**Jim Van Epps**



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# Bottom-up Cost Estimate

- **Construction, procurement and ROW costs complete**
- **Soft costs under review in light of TCRP report just released**
- **Contingency allocations under evaluation**
- **Overall QC in progress**



# Grant Status

**Phyllis Kurio**



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# GRANTS STATUS

- **Draft application HI-03-0047 requests \$34.99 million New Starts funds (FYs 2008 & 2009 Earmarks) for PE**
  - Application requires City Council approval prior to submittal to FTA
  - Council approval anticipated on June 9, 2010
  - Submittal via TEAM anticipated on June 14, 2010
- **\$4.0 million ARRA funds expended**



# Safety and Security Program

Kahlil Allen



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# Kiewit Safety Meeting for WOFH



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# Safety and Security Program

- **Meetings**
  - SSORC PM #12 (Safety & Security Design Criteria)
  - SSORC PM #13 (Kiewit Boring Program)
  - Kiewit Mass Safety Meeting/Safety Orientation
- **Safety and Security Documentation**
  - HHCTCP Construction Safety and Security Plan Rev.0
  - SSMP & SSCP – Meeting to discuss PMOC Comments





# **Safety and Security Program**

(continued)

- **Hazard Management**
  - System-wide Preliminary Hazard Analysis (in review)
- **State Safety Oversight**
  - Exec. Order #10-05 issued April 6, 2010 designates HDOT as SOA.
  - Working with HDOT to prepare Designation Submittal
- **Resources**
  - RTD System Safety Engineer job classification and recruitment in development



# Right of Way Status

**Jerry Iwata**  
**RTD Manager of Real Estate**



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# Status

- **Hardship Acquisition of 533 Kaaahi Street completed**
  - Rental agreements have been executed
  - Relocation compensation is being evaluated
- **Refresh of the completed appraisals will be completed by July 2010**
- **Securing consents to enter to pre-design work for WOFH as well as Kamehameha properties**



# **Status**

**(continued)**

- **Met with nearly all property owners that will be impacted as a result of airport runway mitigation**
- **Continuing to revise the RAMP and relocation plan**





# Public Involvement

Nalani Dahl



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# Public Involvement Team Activities

## March 2010

- **Main Messages:**
  - Economic Stimulus
  - Mobility
- **Outreach Tools:**
  - Rapid Response
  - Grassroots Outreach

Community Outreach	
<u>Presentations and Events</u>	
March	January-March
17	50
<u>Neighborhood Boards</u>	
March	January-March
10	30





# First Hawaiian Auto Show



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# First Hawaiian Auto Show



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# Honolulu Family Festival



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# Looking Ahead

- **Pearl Highlands Rail Station  
Final Community Workshop**
- **Geotechnical Community Awareness**
- **FEIS Release – Materials (DVD Video Guide,  
Brochures)**



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# Agreements—Utility and Third Party

Harvey Berliner

Laura Ray



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# UTILITY AGREEMENTS

- **WOFH**

- Engineering Services – 5 complete, 2 waiting for additional information from Utility, 1 being processed by City and 1 (HECO) not to be executed
- Construction Cost – All 5 estimates received from Utility and verified; agreements should be issued to each Utility shortly
- Scope—Working with HECO and Kiewit on change of work scope from Utility to Contractor

- **KHG**

- Engineering Services – assembling cost data from utilities (3 received to date)





# AGENCY AGREEMENTS

- **HDOT** – Waiting for a meeting with State AG to discuss legal language; started process of consultant selection
- **DOE / Waipahu HS** – Reviewing revised agreement submitted by DOE
- **UH** – Agreement is being revised by COR and will be resubmitted to the University
- **DHHL** – Draft license agreement for Ewa Drum site submitted for their review
- **Navy** – Processing easement request



# Environmental Update

**Faith Miyamoto**



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# Environmental Status

- **A/FEIS Review by Cooperating Agencies Underway**
- **Conditional Airport Layout Plan Received**
- **Agreement by SHPD on Resource Eligibility Pending**
- **Programmatic Agreement Signatures Pending**



# WOFH Environmental Status

- **Kiewit Environmental Compliance Plan under Review**
- **Environmental Training Completed**
- **Preconstruction Environmental Clearance**
  - **Endangered Species Survey Completed**
  - **Archaeological Inventory Survey Completed**
- **Exemption for Preconstruction Activities Documentation Completed**





# FTA Roadmap Update

Harvey Berliner



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# FTA Roadmap Update

- Roadmap continues to be populated
- Five new items added in April
- 10+ items scheduled to be added in May



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# Value Engineering Study Update

Harvey Berliner



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# VALUE ENGINEERING - STATIONS

## Workshop held on April 19 to 23—Items Considered

- Defer escalators at low volume stations or reconfigure to center platform
- Revise platform access to facilitate passenger flow and reduce canopy by adding direct bridge at 1/3 points of platform
- Improve bus interface
- Reduce platform size and canopy coverage
- Potential consolidation of LCC and Pearl Highlands Stations
- Operational configuration changes at Ala Moana Station
- Reduce entrance space by eliminating consideration for future fare gates and reduction in ancillary space





# VALUE ENGINEERING - STATIONS

## Next Steps

- Team leader submitted draft report of workshop findings and recommendations
- RTD to review each recommendation for:
  - Applicability for Honolulu
  - Impact to ridership and passenger comfort
  - Operational compatibility with project goals
  - Potential cost savings for both capital and maintenance
  - Schedule impacts



# VALUE ENGINEERING - ATCs

## Alternate Technical Concepts

- Report being prepared for ATCs submitted by Offerors for:
  - Core Systems
  - Maintenance and Storage Facility
  - West Oahu Farrington Highway Guideway
- Report will include each ATC submitted, savings offered, RTD decision and decision reasons





# **Status of PE Approval Letter Requirements Agenda Attachment C**

**Tim Mantych**



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# New Action Items

**Tim Mantych**



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# **Look Ahead Schedule Agenda Attachment D**

**Tim Mantych**



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